James Kerns

List of Publications by Year
in descending order

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33 papers	240 citations	1307594 7 h-index	1058476 14 g-index
33 all docs	33 docs citations	33 times ranked	204 citing authors

#	Article	IF	Citations
1	Molecular Characterisation and Diagnosis of Root-Knot Nematodes (Meloidogyne spp.) from Turfgrasses in North Carolina, USA. PLoS ONE, 2015, 10, e0143556.	2.5	54
2	Sclerotinia homoeocarpa Overwinters in Turfgrass and Is Present in Commercial Seed. PLoS ONE, 2014, 9, e110897.	2.5	22
3	Assessment of fungicide product applications and program approaches for control of downy mildew on pickling cucumber in North Carolina. Crop Protection, 2021, 140, 105412.	2.1	22
4	Molecular Characterization and Phylogenetic Relationships of Plant-Parasitic Nematodes Associated with Turfgrasses in North Carolina and South Carolina, United States. Plant Disease, 2015, 99, 982-993.	1.4	16
5	Development and validation of a weather-based warning system to advise fungicide applications to control dollar spot on turfgrass. PLoS ONE, 2018, 13, e0194216.	2.5	15
6	Pathogenicity of Pythium Species Associated with Pythium Root Dysfunction of Creeping Bentgrass and Their Impact on Root Growth and Survival. Plant Disease, 2008, 92, 862-869.	1.4	14
7	Plant Growth Regulator Effects on Bacterial Etiolation of Creeping Bentgrass Putting Green Turf Caused by Acidovorax avenae. Plant Disease, 2016, 100, 577-582.	1.4	13
8	Preventive Control of Pythium Root Dysfunction in Creeping Bentgrass Putting Greens and Sensitivity of Pythium volutum to Fungicides. Plant Disease, 2009, 93, 1275-1280.	1.4	8
9	Fitness Attributes of Pythium aphanidermatum with Dual Resistance to Mefenoxam and Fenamidone. Plant Disease, 2018, 102, 1938-1943.	1.4	8
10	Influence of Temperature on Pathogenicity of Pythium volutum Toward Creeping Bentgrass. Plant Disease, 2008, 92, 1669-1673.	1.4	7
11	Oxalic Acid Production in Clarireedia jacksonii Is Dictated by pH, Host Tissue, and Xylan. Frontiers in Microbiology, 2020, 11, 1732.	3.5	7
12	Identification and Pathogenicity of Bacteria Associated with Etiolation and Decline of Creeping Bentgrass Golf Course Putting Greens. Phytopathology, 2018, 108, 23-30.	2.2	6
13	Genome Resources for Seven Fungal Isolates That Cause Dollar Spot Disease in Turfgrass, Including Clarireedia jacksonii and C. monteithiana. Plant Disease, 2021, 105, 691-694.	1.4	6
14	Temperature Influences Persistence of Chlorothalonil and Iprodione on Creeping Bentgrass Foliage. Plant Health Progress, 2015, 16, 107-112.	1.4	5
15	Brachypodium: A Potential Model Host for Fungal Pathogens of Turfgrasses. Phytopathology, 2017, 107, 749-757.	2.2	4
16	Pythium spp. Associated with Root Rot and Stunting of Winter Wheat in North Carolina. Plant Disease, 2021, 105, 986-996.	1.4	4
17	First Report of Pythium Root Dysfunction of Creeping Bentgrass Caused by Pythium volutum in North Carolina. Plant Disease, 2007, 91, 632-632.	1.4	4
18	Characterization and Aggressiveness of Take-All Root Rot Pathogens Isolated from Symptomatic Bermudagrass Putting Greens. Phytopathology, 2022, 112, 811-819.	2.2	4

#	Article	IF	Citations
19	Snow cover has variable effects on persistence of fungicides and their suppression of microdochium patch on amenity turfgrass. Plant Pathology, 2015, 64, 1417-1428.	2.4	3
20	Advances in Turfgrass Pathology since 1990. , 0, , 733-776.		3
21	Characterization, Pathogenicity, and In Vitro Sensitivity of Rhizoctonia spp. Associated with Leaf and Sheath Spot of Bermudagrass Putting Greens in North Carolina and Alabama. Itsrj, 2017, 13, 203-212.	0.3	3
22	Influence of Nitrogen Rate and Timing, Fungicide Application Method, and Simulated Rainfall after Fungicide Application on Brown Patch Severity in Tall Fescue. Crop, Forage and Turfgrass Management, 2019, 5, 190018.	0.6	2
23	Soil surfactants influence fungicide movement in United States Golf Association putting green soil. Journal of Environmental Quality, 2020, 49, 450-459.	2.0	2
24	Identification of a tractable model system and oxalic acidâ€dependent symptom development of the dollar spot pathogen Clarireedia jacksonii. Plant Pathology, 2021, 70, 722-734.	2.4	2
25	Evaluating Fungicide Selections to Manage Pythium Root Rot on Poinsettia Cultivars with Varying Levels of Partial Resistance. Plant Disease, 2021, 105, 1640-1647.	1.4	2
26	Influence of postâ€application irrigation and mowing timing on fungicide fate on a United States Golf Association golf course putting green. Journal of Environmental Quality, 2021, 50, 868-876.	2.0	2
27	Nitrogen source impacts Rhizoctonia leaf and sheath spot severity in ultradwarf bermudagrass. Itsrj, 2022, 14, 940-950.	0.3	1
28	First Report of Brown Ring Patch Caused by Waitea circinata var. circinata on Poa annua in Wisconsin and Minnesota. Plant Disease, 2010, 94, 1165-1165.	1.4	1
29	Development of a semi-selective medium for improved isolation of the turfgrass dollar spot pathogenSclerotinia homoeocarpafrom host tissues. Canadian Journal of Plant Pathology, 2014, 36, 235-245.	1.4	0
30	Temperature Effects on Formation of Appressoria and Sporulation of Colletotrichum cereale on Two Turfgrass Species. Itsrj, 2017, 13, 123-132.	0.3	0
31	Impact of nitrogen source, fall fertilizers, and preventive fungicides on spring dead spot caused by Ophiosphaerella korrae and O. herpotricha. Crop Science, 2020, 61, 3187.	1.8	0
32	Etiology and management of Pythium root rot in golf course putting greens. Itsrj, 0, , .	0.3	0
33	Pythium spp. Associated with Root Rot and Stunting of Winter Crops in North Carolina. Plant Disease, 2021, 105, 3433-3442.	1.4	0